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Date: 8/3/2018 8:02:56 AM
Subject: Deschutes TMDL: Kickoff meeting summary

Hello all,

Attached please find a brief summary of our meeting last week to kickoff the Deschutes TMDL support. Below are the action items and some decision points. Please let me know if you have any comments or edits to this.

Jayne, I will be sending out suggested edits for the TD and associated LOE later this morning (sorry for the delay).

Thanks, Amy

Action Items:

- * Tetra Tech will prepare a summary of the call with key decisions and distribute it to the team for comments.
- * Tetra Tech will make suggested edits to the technical direction and provide an associated level of effort estimate.
- * Miranda will reach out to Laurie to ensure the bacteria allocation strategy is consistent with other TMDLs in WA.
- * Miranda will look at Ecology's credible data policy to evaluate time periods of allowable data and determine if/how the policy impacts this effort.
- * Miranda will check with Ecology about a potential kickoff call with them; Amy will then distribute a doodle poll to identify a good time.
- * Miranda will discuss the QAPP format with Ecology to determine whether an Ecology or EPA format will be used.

Decision Points:

- * The Phase 2 tasks will be moved to an appendix of the technical direction. Ballpark estimates will be provided for these tasks, but detailed scope and costs will not be provided until the technical approach is developed under Phase 1.
- * Task 7 will be separated into two tasks (TMDL development and public participation support).
- * The TMDL report will be formatted as an EPA TMDL (not Ecology format).

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Task Order 01

TMDL Development for the Deschutes River, Percival Creek, and Budd Inlet Tributaries

Kickoff Call – July 26, 2018

Participants

EPA Region 10: Jayne Carlin, Miranda Hodgkiss, Chris Zell

Tetra Tech: Amy King

Call Summary

When the discussion began, Miranda provided an overview of the project. EPA will be developing TMDLs for the waterbody-pollutant combinations that they disapproved in the Deschutes TMDL originally developed by Washington. This project includes TMDL development for bacteria, temperature, dissolved oxygen, pH, and fine sediment impairments. Details associated with this discussion and data/information available to support the analyses are presented in bulleted form below.

- **Background:** The previous TMDL report is useful for understanding background conditions in the watershed as well as a summary of the associated modeling. Modeling includes the Qual2k modeling of the Deschutes River and a GEMs model of Capitol Lake to evaluate nutrient reductions required to meet the dissolved oxygen criteria. The QAPP and conclusions to date are on the website in support of Ecology's effort on Budd Inlet (see bullet below).
- **Related Effort:** Ecology is currently developing TMDLs for the impairments in Budd Inlet. Their effort is expected to be finished in 2020 and cooperation is anticipated for areas of overlap between the two projects. Ecology has a GEMs model of the inlet that is calibrated for 1997 data and impairments include nutrients and BOD.
- **Bacteria TMDL Background:** There are 17 bacteria TMDLs in total pending approval. 14 of these TMDLs are largely complete and need to go through the public participation process. Three TMDLs were disapproved because they did not meet the downstream water quality criteria in Budd Inlet, which is more stringent. (b) (5)

- **Tasks 1-2:** It is assumed that no more than eight calls will be held for costing purposes, in addition to the two kickoff calls (EPA only [this discussion] and EPA, Ecology, and Tt).
- **Task 3:** Amy and Miranda will work together to identify the best file transfer options. This could include OneDrive folder sharing.
- (b) (5)

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- **Tasks 6-7:** Will be moved to an appendix of the technical direction until additional detail is obtained in support of the technical approach development. Task 7 will be separated so that the public participation component is folded into a separate task.

Jayne suggested identifying opportunities where ORISE participants could support analyses and/or research. (b) (5)

To follow up on some discussion points, Miranda will connect with Ecology and discuss timing for a kickoff discussion, QAPP format, available data, and available models.

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